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21874

7590

01/05/2007

EDWARDS & ANGELL, LLP
P.O. BOX 55874
BOSTON, MA 02205

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I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

Lynne M. Hawkes

(Depositor's name)

Lynne M. Hawkes

(Signature)

4/3/07

(Date)

04/04/2007 HDEMSS2 00000048 041105 09851885

01 FC:1501 1400.00 DA

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/851,885	05/09/2001	Yasushi Kubota	70904-55845	4328

TITLE OF INVENTION: DATA SIGNAL LINE DRIVE CIRCUIT, DRIVE CIRCUIT, IMAGE DISPLAY DEVICE INCORPORATING THE SAME, AND ELECTRONIC APPARATUS USING THE SAME

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$0	\$1400	\$1400	04/05/2007
EXAMINER		ART UNIT	CLASS-SUBCLASS			
KOVALICK, VINCENT E		2629	345-098000			

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,

(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 David G. Conlin

2 William J. Daley Jr.

3 Edwards Angell Palmer & Dodge LLP

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

SHarp Kabushiki Kaisha

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Osaka, Japan

Adjustment date: 04/04/2007 HDEMSS2
03/29/2005 AWONDAF2 00000098 041105 09851885
01 FC:1501 1400.00 CRPlease check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are submitted:

☒ Issue Fee

Publication Fee (No small entity discount permitted)

☒ Advance Order - # of Copies 10

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☐ A check is enclosed.☐ Payment by credit card. Form PTO-2038 is attached.☒ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number 04-1105 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

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Authorized Signature

William J. Daley Jr.

Date

April 3, 2007

Typed or printed name

William J. Daley Jr.

Registration No.

35,487

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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PTO/SB/17 (07-06)
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Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4018).

FEE TRANSMITTAL

For FY 2006

<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Complete if Known	
TOTAL AMOUNT OF PAYMENT (\$)		Application Number	09/851,885-Conf. #4328
1,730.00		Filing Date	May 9, 2001
		First Named Inventor	Yasushi Kubota
		Examiner Name	V. E. Kovalick
		Art Unit	2629
		Attorney Docket No.	55845(70904)

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): _____

☒ Deposit Account Deposit Account Number: 04-1105 Deposit Account Name: Edwards Angell Palmer & Dodge LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

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☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180

Total Claims 98 **Extra Claims** - 141 **Fee (\$)** x **Fee Paid (\$)** =

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims 8 **Extra Claims** - 11 = **Fee (\$)** x **Fee Paid (\$)** =

HP = highest number of independent claims paid for, if greater than 3.

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(c)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. Sec 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
- 100 =	/50	(round up to a whole number) x		

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (c.g., late filing surcharge):

1501 Utility issue fee	1400.00
8001 Printed copy of patent w/o color	30.00

SUBMITTED BY

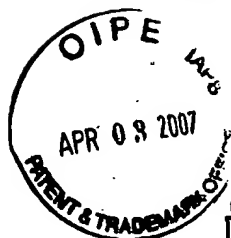
Signature	<i>William J. Daley</i>	Registration No. (Attorney/Agent)	35,487	Telephone	(617) 439-4444
Name (Print/Type)	William J. Daley, Jr.	Date	April 3, 2007		

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Dated: April 3, 2007 Signature: *Lynne M. Hawkes* (Lynne M. Hawkes)



500879



PTO/SB/21 (09-06)
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TRANSMITTAL FORM <small>(to be used for all correspondence after initial filing)</small>	Application Number	09/851,885-Conf. #4328
	Filing Date	May 9, 2001
	First Named Inventor	Yasushi Kubota
	Art Unit	2629
	Examiner Name	V. E. Kovalick
Total Number of Pages in This Submission		Attorney Docket Number 55845(70904)

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	EDWARDS ANGELL PALMER & DODGE LLP		
Signature	<i>William J. Daley, Jr.</i>		
Printed name	William J. Daley, Jr.		
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600978



FAX TRANSMISSION

DATE: April 3, 2007

PTO IDENTIFIER: Application Number 09/851,885-Conf. #4328
Patent Number

Inventor: Yasushi Kubota et al.

MESSAGE TO: Office of Patent Publication

FAX NUMBER: (571) 273-2885

FROM: EDWARDS ANGELL PALMER & DODGE LLP

William J. Daley, Jr.

PHONE: (617) 439-4444

Attorney Dkt. #: 55845(70904)

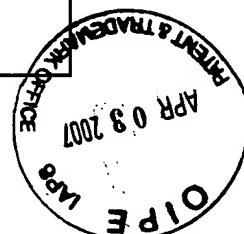
PAGES (Including Cover Sheet): 5

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Fee Transmittal (1 page)
USPTO Part B fee Transmittal (1 page)
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PTO/SB/97 (09-04)
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Application No. (if known): 09/851,885

Attorney Docket No.: 55845(70904)

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Transmittal (1 page)
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